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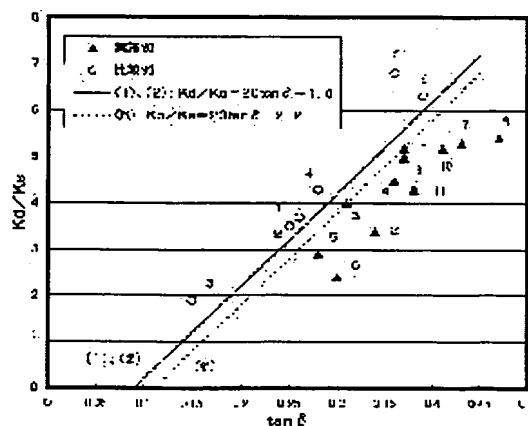
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(54) RUBBER COMPOSITION, RUBBER VIBRATION ISOLATOR, AND SHOCK ISOLATION MOUNT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a rubber composition showing an excellent vibration-proof property, to provide a rubber vibration isolator and a shock isolation mount.

SOLUTION: The rubber composition contains (A) 5-40 pts.wt. styrene/ butadiene copolymer rubber having a weight average molecular weight of $\leq 200,000$ and a glass transition point of $\geq -35^{\circ}\text{C}$ and (B) 95-60 pts.wt. (provided that the total amount of (A) and (B) is 100 pts.wt.) diolefin rubber having a weight average molecular weight of $>200,000$ and a glass transition point of $\leq -20^{\circ}\text{C}$. The rubber vibration isolator made of this composition has a performance wherein the dynamic magnification (K_d/K_s), which is the ratio of the dynamic spring constant (K_d) to the static spring constant (K_s), and the loss factor ($\tan \delta$) satisfy the formula: $K_d/K_s \leq 20 \tan \delta - 1.8$. The rubber vibration isolator is used for the shock isolation mount.



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